

Complement peptide receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database

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Abstract

Complement peptide receptors (**nomenclature as agreed by the NC-IUPHAR subcommittee on Complement peptide receptors [98]**) are activated by the endogenous ~75 amino-acid anaphylatoxin polypeptides **C3a** and **C5a**, generated upon stimulation of the complement cascade. C3a and C5a exert their functions through binding to their receptors (C3aR and C5aR), causing cell activation and triggering cellular degranulation that contributes to the local inflammation.

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